

*If you are using a printed copy of this procedure, and not the on-screen version, then you **MUST** make sure the dates at the bottom of the printed copy and the on-screen version match. The on-screen version of the Collider-Accelerator Department Procedure is the Official Version. Hard copies of all signed, official, C-A Operating Procedures are kept on file in the C-A ESHQ Training Office, Bldg. 911A*

C-A OPERATIONS PROCEDURES MANUAL

14.14.1 Operational Control Form for NASA Space Radiation Laboratory

Text Pages 2 through 3

Hand Processed Changes

<u>HPC No.</u>	<u>Date</u>	<u>Page Nos.</u>	<u>Initials</u>
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Approved: _____ ***Signature on File*** _____
 Collider-Accelerator Department Chairman Date

P. Cirnigliaro

14.14.1 Operational Control Form for NASA Space Radiation Laboratory

BNL Environmental Management System Operational Controls Form

Operational Control For Significant Environmental Aspects: _____	Completed By: P. Cirnigliaro Date: February, 2006
1. Operation(s): NASA Space Radiation Laboratory	
2. Activity(ies): <ul style="list-style-type: none">▪ Radionuclide production in soil▪ Atmospheric discharges▪ Liquid discharges▪ Hazardous Waste generation▪ Radioactive Waste generation▪ Regulated Medical waste	
3. Operational Controls (technological, operational, procedural operating criteria): <ul style="list-style-type: none">▪ Soil caps, see Beam Loss Design Practice▪ Downgradient groundwater sampling▪ C-A OPM 8.20.2, Radioactive Waste Disposal▪ C-A OPM 8.20, Procedure for Handling and Disposal of Hazardous Waste▪ C-A OPM 2.28, C-A Procedure for Work Planning and Control for Operations▪ C-A OPM 9.4.1, Tier I program▪ Chemical Management System	
4. Maintenance Plan(s): <ul style="list-style-type: none">• A soil-cap inspection procedure is contained in the C-A Facilities and Experimental Group Support procedures.• Groundwater monitoring well maintenance plan, which is contained in the Site-Wide Groundwater Monitoring Plan• Electrical maintenance, which is contained in C-A PD001 Electrical Equipment/Systems Preventative Maintenance	
5. Actions to be Taken if Controls Fail: <ul style="list-style-type: none">▪ See C-A OPM 3.0, Local Emergency Plan for the C-A Department▪ Call Spill Response Hotline – X2222 or 911▪ See C-A OPM 10.2, Response To Tritiated Water Spills▪ See C-A OPM 10.1.d, Operator Response to C-A Water Spills	

BNL Environmental Management System Operational Controls Form

Operational Control For Significant Environmental Aspects: <hr style="border: 0; border-top: 1px solid black; margin-top: 5px;"/>	Completed By: P. Cirnigliaro Date: February, 2006	
6. Records: <ul style="list-style-type: none"> ▪ Operational Control Form ▪ Maintenance records ▪ Computer records of makeup cooling water ▪ Record of actions taken in cases of control failures ▪ Cooling water analytical data ▪ Process Assessment Forms / Corrective Action Tracking Database ▪ C-A Family ATS documentation on completion of Environmental Management Program, Section 10 Tasks ▪ Tier I inspection records 		
7. Responsibilities: (a) to ensure controls are in place; (b) to ensure controls keep working; (c) to take action when controls fail; (d) to create and keep records relative to operational controls		
Name	Responsibility	
BNL Medical Department	MOU in place for the Medical Department to handle all Regulated Medical Waste	
C-A Control Room Operators	Report, respond to unexpected beam losses	
Tier I Inspection Committee	Tier I Documentation	
ESD	Groundwater Monitoring Program	
8. Training:		
Name	Training	Date
Building Staff	See EMS Training package for this operation	N/A